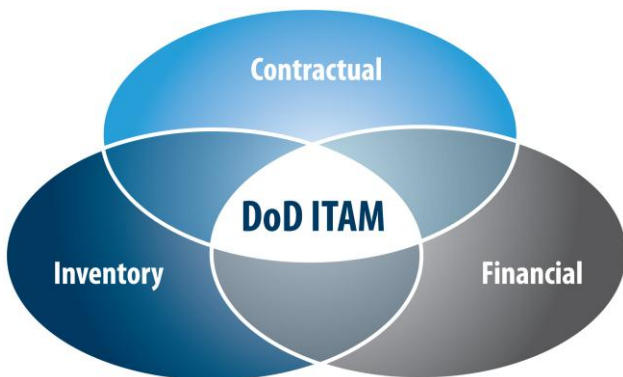




DoD ITAM: Overview

The Department of Defense (DoD) Chief Information Officer (CIO) is establishing a DoD Information Technology Asset Management (ITAM) framework for managing the Department's commercial off the shelf (COTS) Information Technology (IT) hardware and software assets. ITAM originated as the DoD Software Asset Management (SAM) program, which was expanded in 2007 to also include IT hardware and renamed "DoD ITAM." The program's objectives include instilling best practices for ITAM across DoD, promoting common ITAM approaches across DoD Components, and providing visibility into the Department's investments in COTS IT assets using Net-Centric solutions to enable smarter enterprise IT strategy and acquisition decisions.

ITAM is the set of business practices that join financial, contractual and inventory functions to support strategic decision making and life cycle management for the IT environment.



Optimizing IT Asset Budgets

ITAM is a best practice that should be implemented in any organization, as evidenced by the IT Infrastructure Library (ITIL) adding Service Asset Configuration Management (SACM) as a process area in ITIL Version 3.0. The Defense ITIL (DITIL) SACM process recognizes ITAM as part of the DoD service framework.

According to Hank Marquis, Ph.D., FBCS CITP, who leads the Business Service Management practice area for Global Knowledge, 25% of all hardware and software purchased is never installed (Internet, April 29, 2009).

Knowledge is Power

As a result of the ITAM capability, the DoD Enterprise Software Initiative (ESI) expects to be able to significantly enhance its ability to establish DoD-wide enterprise agreements that not only add value, but also provide better terms and conditions for all of DoD. In return, software agreements managed by ESI will be leveraged to ensure that enterprise software vendors adhere to DoD ITAM requirements by including appropriate contractual language, such as license transfer rights across Components.

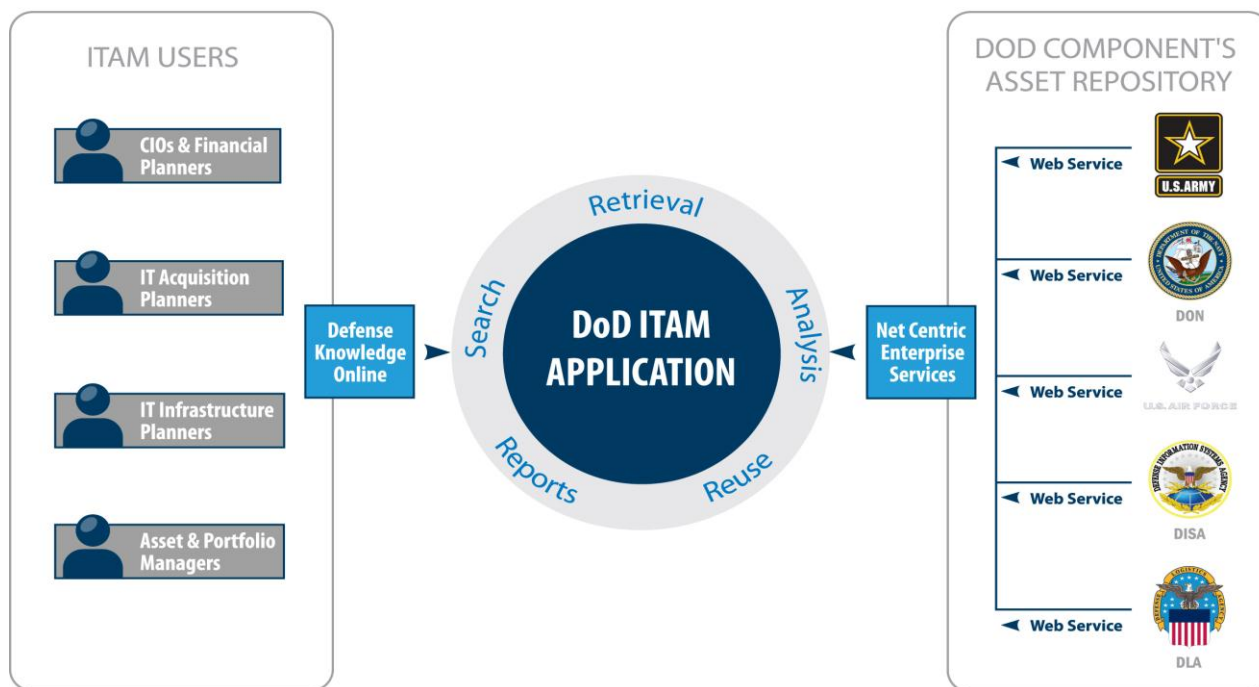
Efficiencies and IT Management Reform

In 2010, Secretary of Defense William Gates outlined objectives aimed at redirecting overhead expenditures to directly support warfighting needs. He cited IT infrastructure consolidation, consolidated commodity IT acquisition, and more efficient and effective acquisition processes as target areas to provide cost savings. Later in 2010, U.S. CIO Vivek Kundra articulated goals of improving IT management in Federal Agencies, in part, by adopting a "cloud first" implementation strategy, consolidating federal data centers, establishing contract vehicles for IT commodity products and services, and increasing visibility into IT spend.

ITAM is envisioned to be a key enabler for these broad DoD and Federal objectives. Availability of IT software and hardware inventories and acquisitions through net-centric ITAM solutions will enable Component CIOs and DoD CIO to plan and make informed decisions on adopting cloud-based services, consolidating IT infrastructure, acquiring enterprise and software licenses. Acquisition visibility across Components will provide valuable information to DoD ESI in selecting opportunities for strategic sourcing and negotiating enterprise agreements and licenses.

Enterprise IT Asset Visibility

In the long-term, DoD ITAM will implement a Net-Centric ITAM reporting solution that makes authoritative IT asset data from Component ITAM systems readily available across the DoD. The graphic below illustrates the conceptual architecture. DoD CIO envisions maximizing use of existing IT systems and industry standards to provide visibility across the full IT asset life-cycles.



DoD ITAM Operations

DoD ITAM program activities are coordinated through the DoD ITAM Integrated Product Team (IPT), which includes CIO ITAM representatives from the Military Services and several Other Defense Agencies. In addition, DoD ITAM representatives are active in DITIL working groups, other related DoD IT working groups, Federal ITAM activities, and select industry working groups. The DoD ITAM IPT serves as the primary forum for communicating department-wide objectives and strategies, and for collaborating to adopt common ITAM approaches and data standards across DoD. ITAM representatives from all DoD Components are welcome to join.

Related Resources

DoD	DoD Enterprise Software Initiative (ESI)	www.esi.mil
	DoD Host Based Security System (HBSS)	www.disa.mil/news/pressresources/factsheets/hbss.html
	Defense Procurement and Acquisition Policy (DPAP)	www.acq.osd.mil/dpap/pdi/eb/procurement_data_standard.html
	Procurement Data Standards (PDS)	
INDUSTRY	International Standards for Software Asset Management Processes (ISO/IEC 19770)	www.iso19770.com
	International Software Business Management Assoc. (IBSMA)	www.ecpweb.com
	Information Technology Infrastructure Library (ITIL)	www.itil-officialsite.com
	NIST Common Platform Enumeration (CPE)	nvd.nist.gov/cpe.cfm